Common Desisse - by mick. Bovine T. B. by pastemi 1. 9. 6 % Courset by still infects Children under Hym 2. Ingestion invention 3. Controlled by proteingation. 2. Typhoid & Caratyphoid & ever ... Those frequent. 2. " coses from new milk. 3. Septie Sore Thour, flu, scarled Rever from streptococcus in milk 4. Underlant Feer in U. S. Supervised Herd Glan. 1. Ony owner can have his cours T. B. tested. 2. all positives must 6 slaughtered. 3. No compensation. accredited seeds -1. Needs must that have passed 2 clean tests d'intervals q' 4" or of resetties are found - intervals of 6 nos. 2. " .. herd is bested 3. man must have 10 cattle neg. a have a memberdip in accedited Herd Plan. Bango Desease 1. High in animals 2. Communicable & Lumano. 3. 1896 Rig. Bango - Stermank. 4. 28 thy have disease - Geordes & isolated. Herstoff - Only definite way of detecting animal diseases. Controlling Contamination of Mick. 1. Sediment 1 est a. overstressed. B. recult iraible 2 eye but doesn't C. Chowne cleaning insufficient at facino. I fermonto. Il Cooling - 1. cano immerced in ice orwater 2. permonto. " lontid of Pasternization . methylene Blue reduction test. 2. Coliform Test 3. Prosphate ". 210

Wroderce & Safe Mick -1. Responsib - Health of animals, sanitation. Provision for even supply & reg. daily delivery of nick to unban cities. 2. Eradication of Bongo, mestitis & Borine T. B. 3. Pasterni wiel make mick from diseased animals safe - but not diet laden milke clean. 4. Hay supply in sain, dued or stable Conditionis 5. Freed confully 4 flavours, reg. for supply 9 scientificing 4 quality of mick & animal. 6. as soon as milk drawn - cooled & 40 n 50° 7. Cleaning & Desinfection in Small Mainy Cleaning - process whereby an unclean action of detergend sol. To remove surface all visible dut. Meainfection - sussequent treatment rec. 2 destroy remaining basteria or visible contenination Ways of assuring a Hanitary Dairy -1. Hossession of plant & equip readily cleaned. 2. Desire of intelligent dairy man for cleanliness. 3. Mee of compounds which R good detergents + good reasing properties. Hand washing - free from My droxide. 4. Disinfecting agents - steam, Los water, Chemical sterilizer chlorine with steam or hot water. . Equipment cleansed right after process operations - rensed, wooked & bushed with warm washing sol. - rensed again with 420 - 4 a satisfact. bactericidal treatment (chlorine) 100 parts per million of chlorine - contact periods - 2 min. 6. All piping removed daily. 1. Bottles - worked by hand or machine. where no Steam - notor driven buch & a 3 compairment wash & rinse tank. Then rinsed again in Main H20 & disinfected in a Chlorine Sol. 1920-110° 7.

mechaine Washing - N & O Sol. - 12007. 15' rinse - 150°7. - 180° 7. 8. Can Washing & Sterileging - Some as cottles in small dainy - steam sterilizing. Thino Carefully Cleaned. 9. Levodie Checks - visual & lab testo milk tested Bottles, cano. etc. Consisto ? rending with a known quantity of sterile H20 x making a standard plate count of the final water.

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Report 9 deserves Due to Deficiency of Food body .. + netabolion energy. Body needs food 2 Classes: 1. Fuel 2. building most common foods contain both . - nick . many only me - stand, fine. Course of malnutrition various.

2. lack of Esc.

3. sundine 4. long income. 6. not knowing. Substances of rentension composition found or norm. nestriers & ground Mit A - lask thelmia - donne gege - night blindness sod liver oil, green veg. Vit 3 - Briber - cardiar weakness, Edema nedo Beriberi in Quent by 2 med vice 13, - thepmin disease of the 3 + inp. in maintain stemulates appetite morting of dig colive tract. By - By - B's - 2mp. to mammalo. Br a y - Palagra - niestenie acidi
gastio-intestratel disturbance
painful shin - nervous mental disturbance les develops on batis. Shyphilis, etc. Tuck buf ruget. U.S. AY Eur. C. AY B. W.

Witt C' secury - contained in much & destroyed by hear. Chatteristic - Lemonages. found in fresh fruit - soul veg. Vit. 0 - richets - marked afterations of bones coft + pleable - tack of deposit of norm. const Segns - Conspitation. Prevention - lots of exposure to seen - sop in winter. mercury vapor and lamp or Not liver Oil. Dit E - reproduction? Notton seed oil, lean meal, wheat gorn oil, letture, the lessy veg. Wit 11 - essent for substances of colothery of blood def. - blood losses power to elot. methy l- saphthyl - genne. Lotter - thyroid - lack of whene propert & during setal life temes as prepared in few as male. Indenie in vicinities where itere is less iodine. Expethalouic - a lie bet is condition in individuals:

Nelitio

Africancy of correct production of moulin accumulation of fatty tissue in body. O Andulgence, overeating the sometimes hereditary.

Report 10 Ventilation. Air - Cardi .04% 0x - 20% n - 80% 1. Movement - per moving safe. Shaught beneficial. Temp. Hemidity + motion - imp. - not composition Temp. rand by bodies. Good vent - cool air - not cold Numidity relative & temp.

Constantly increased by minsture of human body.

Treating imprise air by contact of outside air.

Imprise air somes from our bodies - breathing, etc. Natural System. mechanical system air moved by forms. elust - collection close to source as possible. notherdo - Dique air by fono - suck out old air. Windows on 2 sides of asom. In Nunes - 1. safety for underground workers. 3. To provide an flow during emergency. Object of Ventilation. 2. Even temp - 68° 7 Hypress.

3. Avoid excessive thypress. Auggestions 4 good lent.

Long placed away from rador wis

2. Open Wind. top + bottom. 4. Engups hear I constant cuculation 15

5. Ventilate by several small genings instead of , large one. 6. Bedroom wrids. well grened. 7. Nitchem well aried - not fumes this' house. 8. Elece Aumidifers placed in soon rear rado. Die bredted in 680 - warmed to body teng. Tasto -1. Comfort of superts. 2 ability of These in Room 2 work. 4. 2h School. a if floor cold-badly ventilated. 3. Veneral reacte 9 " " Ell- effects Experienced by Body in bad vent. 1. elevation of body temp. 2. Increase in reclining heat of body. 3. slight lowering of blood pressure. 4. no effect on rate of requiation acidoses of blood or discretion of oxo - hemoglobin and wite netabolism. 85. Inclination Signand air - Lack of appetite - area of STagnand air around body producing effects by uncers body heat Volume Outdoor 16.0302 20.81 OX. 79.55 Nz 79.51 nitrojen 4.38 Co 800.03 CO2 216

Hygiene of Home Report 11 People Tandards for Drections adequate dig AY 4 vent latin Fanitary Revisions. Lie petection high & Oland made ceitain by be used & dwelling 15% corner ( steers), 25% on interior side yd - open 2 whey hery room , window and 3 hours. livery room at least 40 sq ft - nor less than I high, Running water & indoor flush toleto. Methods meting mainterer - tleanwing & some of hallow cellens. Destition of aringes on geremines Storage of inflammable mat. March vor favorable & garden. Sellow - musty - cleaned air & whitemaked a xay imp. Facing & ween. S. E or S. W. at. light. - 2 little or 2 much. Westriel sonvenience) " easily & safely adjusted to now con post. 2. doesn't complicate lealing ? ventilating as gas & oil. Heating - depends on humidy, wertilation & temp 6807. about 7007 I effects 1. dull & distless . herden work. 2. decreases resistive power of mucos membrare, 3. Makes body law able to need changes in temps. Belowe 6407. 2. Stone rate of netabolism. Ways of Viewenting Head love -1. By weather stappery I'm insolating walls. 3. Storm windows I yper of fue - gas-oil & cool.

I Wal burned - Hat carried from some hot air water or oteam to all parts of building. 3 ways 3 serding hear 2 room 1. ween air registers 2. Steam rado. 3. 1409 water 1. Warm air system - recirculating from house on floor on outside of room. Mother fam. 2. Steam system - condervation of s. in rado. Enters from top - pipe or other end at bottom allows to 3 Hot water System - Must o feel of Moo - no aw. Food in Home -1. Mitcheno most saintry - large & any - sink link 4.7 C. Has - Well second & ventilated 2 Cook - eleanliness - Rantimelar in personal by great Free from dicione - Sking 7. 3 lyphoid, ste 3 Sinks, refresh ete - spotless - free from insects. 4. Dupaning food - 1 lick fingers 2 cough over food. y Sweep when food out. wast all fruits & veg. 6. Kim grulk top 6. Hefrid - Imp .- key mick, etc. Spollers. Kept covered Ce. Norting - develop flavor appearance increase digentility - Kill bacteria.

Meaning in Home-1. Rellar - not back & damp. - food stored Cary 2 clean. Whitewarded. R. Bathroom - Toilets cleaned & felled with \$450. Care with colds taps, ite Aleaned often & carefully them wider touch hab, on lack floor 4 frequent hand washing If rold wooded with amonia, alethol, the laxe of tub. Thouse 4 large no. Well ained Cleaning - Varium. no spering houselany. Musting clock dampor oil. Hloor - clean cloth int Kerosine. Wax - holds dus? Clean Alokes - recraps removed - unerd - the soap. Rusing \$20 - really boiling - Charge butterfer Nich Voucho - eleon , pest - Danked after en ment. Mever left in wet ball. More & I may und - dry whole in sun wich plans clear. Olesonal aterles injection Lankier, the borless dries in sen & Moning helps. Veto - Quarters free from odorers & recor. Cator dogs susp. To who going cough. alogo opten tape worst. Rogs on chairs, cushions, ate dangerous. Marger for Rabies. imp. Veittalais - from per budo.